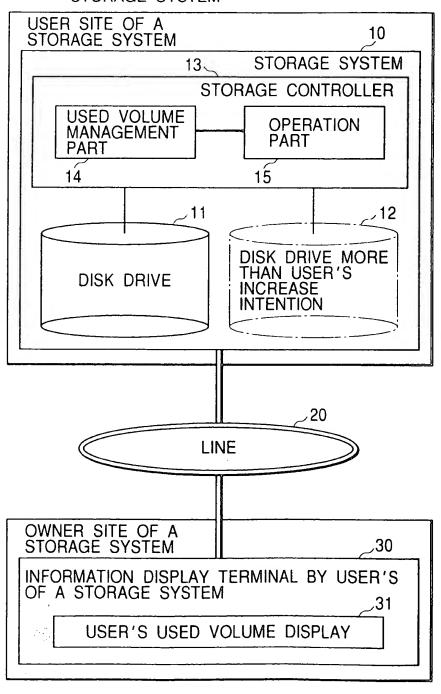


### FIG. 1

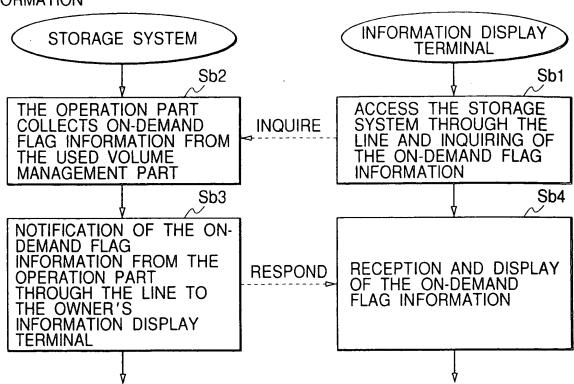
## CHARGING SYSTEM OVERVIEW OF A STORAGE SYSTEM





#### FIG. 4

INFORMATION FLOW OF A STORAGE SYSTEM AND AN INFORMATION DISPLAY TERMINAL AT CONFIRMATION (INQUIRING) OF INFORMATION



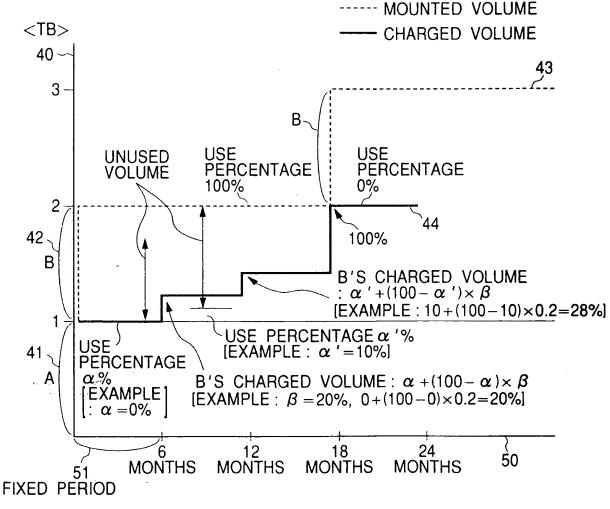
# FIG. 5 EXAMPLE OF AN INFORMATION MANAGEMENT TABLE BY USERS OF A STORAGE SYSTEM

	USER A	USER B	USER C
USER ID	XXXXXXX	XXXXXXX	XXXXXXX
USED VOLUME	xxGB	xxGB	xxGB
ADDED VOLUME	xxGB	xxGB	xxGB
USE PERIOD	x YEAR/x MONTH/x DAY TO x YEAR/x MONTH/x DAY	x YEAR/x MONTH/x DAY TO x YEAR/x MONTH/x DAY	x YEAR/x MONTH/x DAY TO x YEAR/x MONTH/x DAY
USE STARTING DATE	x YEAR/x MONTH/x DAY	x YEAR/x MONTH/x DAY	x YEAR/x MONTH/x DAY
ALLOCATED VOLUME	VOL. 1, VOL. 2	VOL. 3, VOL. 4	VOL. 5, VOL. 6
USE UNIT COST	x¥/MONTH	x¥/MONTH	x¥/MONTH



#### FIG. 6

### CHARGED VOLUME TRANSITION DIAGRAM TO THE DISK VOLUME OF A STORAGE SYSTEM



DECISION OF A "USED VOLUME" AND AN "UNUSED VOLUME" AFTER 6 MONTHS ELAPSE A TOTAL CHARGED VOLUME FOR THE NEXT 6 MONTHS IS A+B USED VOLUME+ (B'S UNUSED VOLUME×CHARGING PERCENTAGE  $\beta$ %)



# PRIOR ART

#### INITIAL INVESTED VOLUMES TO A STORAGE SYSTEM

